


MS-9050UD Battery Calculation

Secondary Power Source Requirements

Device	Standby Current (amps)				Secondary Alarm Current (amps)			
	Qty		Current Draw	Total	Qty		Current Draw	Total
Main Circuit Board	1	x	0.120000	= 0.120000	1	x	0.200000	= 0.200000
4XTMF		x	0.005000	=		x	0.011000	=
EOLR-1		x	0.020000	=		x	0.020000	=
IPDACT-2		x	0.093000	=		x	0.136000	=
IPDACT-2UD		x	0.098000	=		x	0.155000	=
ANN-BUS Devices								
ANN-SEC Card		x	0.003000	=		x	0.003000	=
ANN-80(-W)		x	0.015000	=		x	0.040000	=
ANN-(R)LED		x	0.028000	=		x	0.068000	=
ANN-RLY		x	0.015000	=		x	0.075000	=
ANN-I/O		x	0.035000	=		x	0.200000	=
ANN-I/O LED		x	0.000000	=		x	0.010000	=
ANN-S/PG		x	0.045000	=		x	0.045000	=
ANN-LC		x	0.150000	=		x	0.150000	=
Addressable Devices								
BEAM355		x	0.002000	=				
BEAM355S		x	0.002000	=				
BEAM1224		x	0.017000	=				
CP355		x	0.000300	=				
SD355		x	0.000300	=				
SD355T		x	0.000300	=				
AD355		x	0.000300	=				
H355		x	0.000300	=				
H355R		x	0.000300	=				
H355HT		x	0.000300	=				
D350P		x	0.000300	=				
D350RP		x	0.000300	=				
D350PL		x	0.000300	=				
D350RPL		x	0.000300	=				
D355PL		x	0.000300	=				
MMF-300		x	0.000400	=				
MMF-300-10		x	0.003500	=				
MDF-300		x	0.000750	=				
MMF-301		x	0.000375	=				
MMF-302		x	0.000270	=				
MMF-302-6		x	0.002000	=				
BG-12LX		x	0.000230	=				
CMF-300		x	0.000390	=				
CMF-300-6		x	0.002250	=				
CRF-300		x	0.000270	=				
CRF-300-6		x	0.001450	=				
CDRM-300		x	0.001300	=				
I300		x	0.000400	=				
ISO-6		x	0.002700	=				
B501BH-2		x	0.001000	=				
B501BHT-2		x	0.001000	=				

B224RB		x	0.000500	=				
B224BI		x	0.000450	=				
Maximum alarm draw for all Addressable devices ----->								0.40000
Resettable Power								
4-Wire Smoke Detectors		x		=			x	=
Auxiliary Power								
CMF-300 (Aux. Power)		x	0.001700	=			x	0.007000 =
CMF-300-6 (Aux. Power)		x	0.008000	=			x	0.020000 =
MMF-302 (Aux. Power)		x	0.012000	=			x	0.090000 =
MMF-302-6 (Aux. Power)		x	0.050000	=			x	0.270000 =
B200SR (Aux. Power)		x	0.000500	=			x	0.035000 =
B200SR-LF (Aux. Power)		x	0.001000	=			x	0.125000 =
Miscellaneous Devices								
		x		=			x	=
		x		=			x	=
		x		=			x	=
		x		=			x	=
		x		=			x	=
Output Circuits								
NAC/Output #1				=				=
NAC/Output #2				=				=
Total Standby Load						Total Alarm Load		

		<h2>MS-9050UD Battery Calculation</h2>	
Calculation in Total Sheet			
		Required Standby Time in Hours	
Total Standby Current		x	=
		Required Alarm Time in Minutes	
Total Alarm Load		x	=
		Total Current Load	
Multiply by the Derating Factor			=
		Total Ampere Hours Required	